



深圳市云顶通讯电子有限公司

Shenzhen Yunding Communication Electronics Co.,Ltd.

硕美优品科技-TDS8-2.4G 天线测试报告

吴淑依

2023-04-26

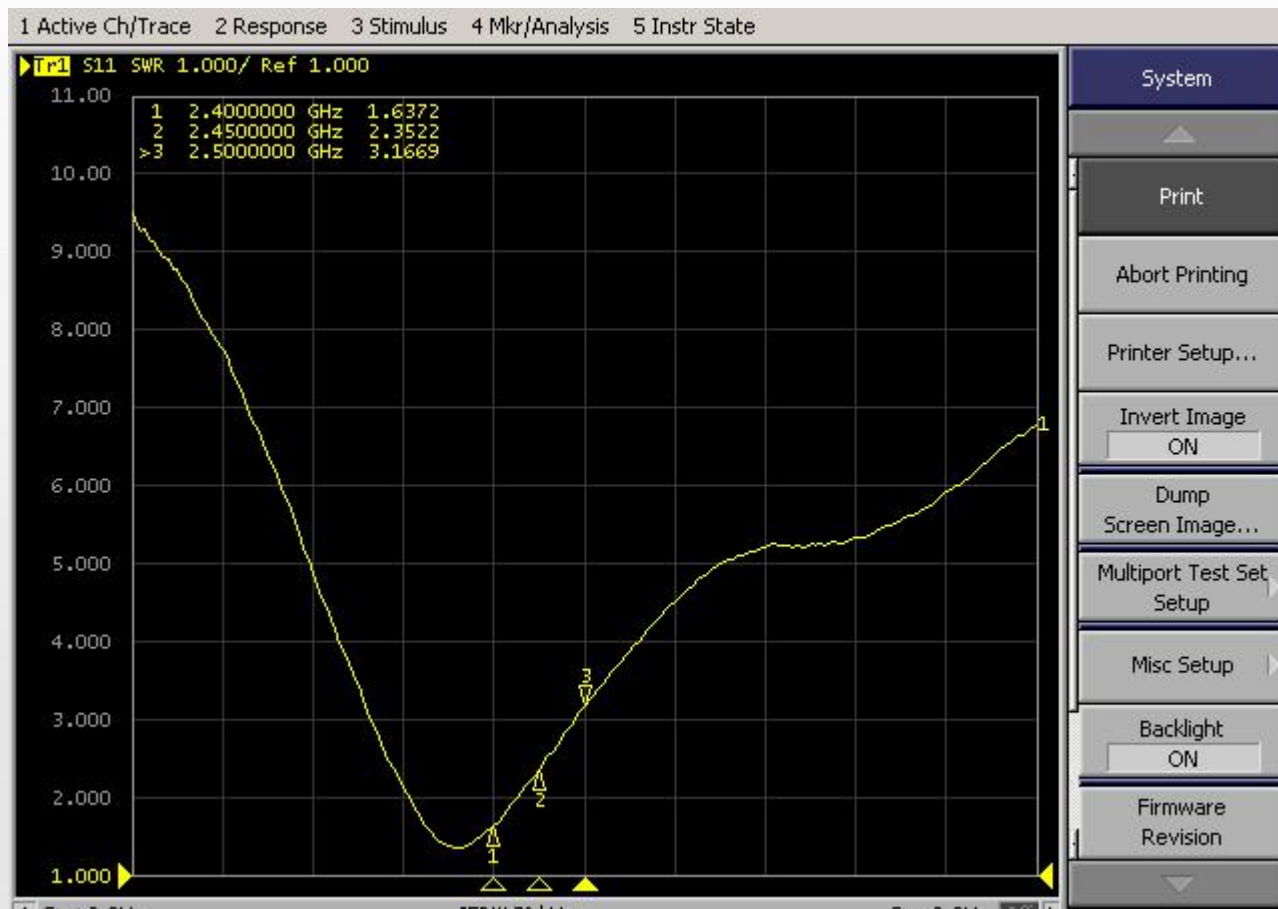




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TX-1机器-SWR

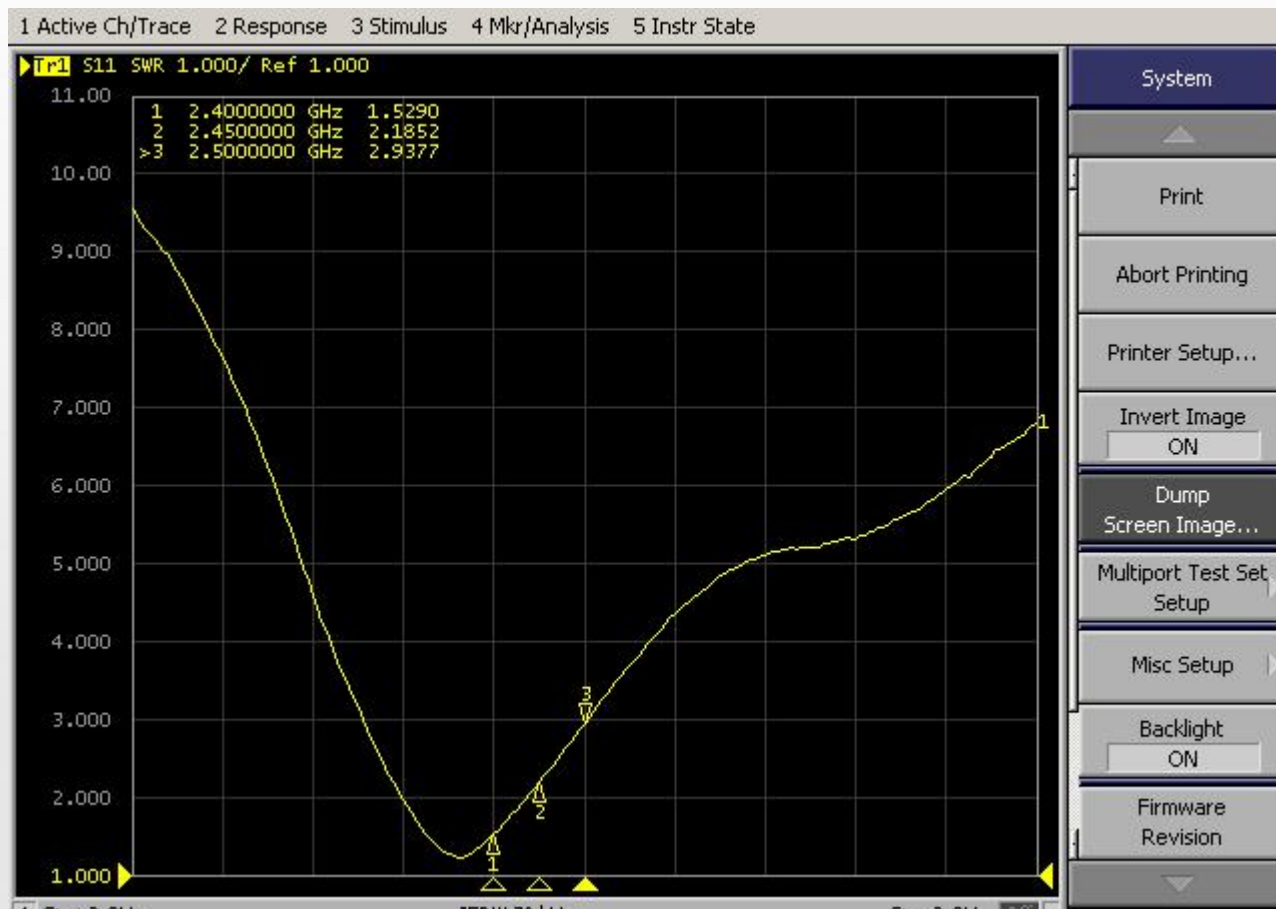




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TX-2机器-SWR

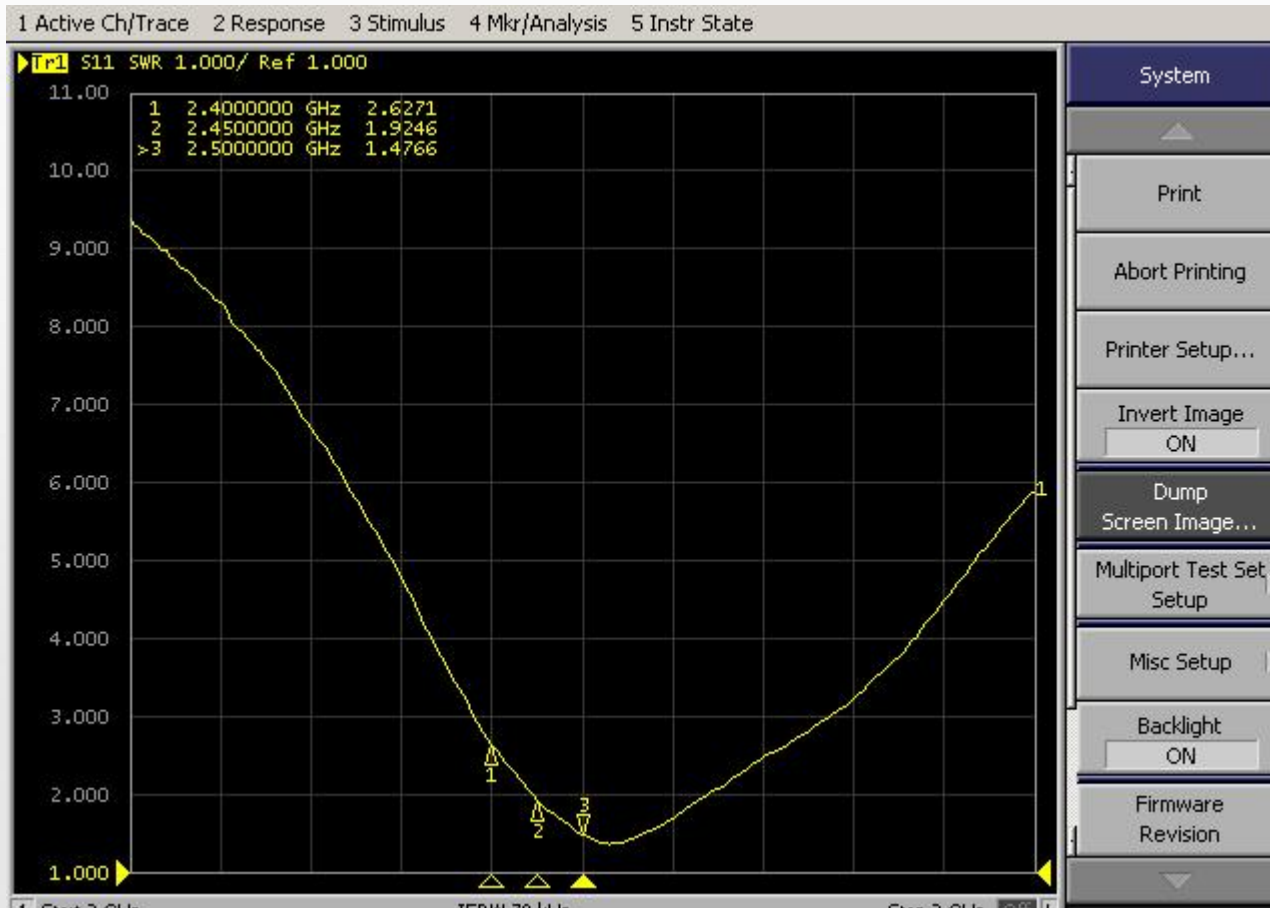




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RX机器-SWR





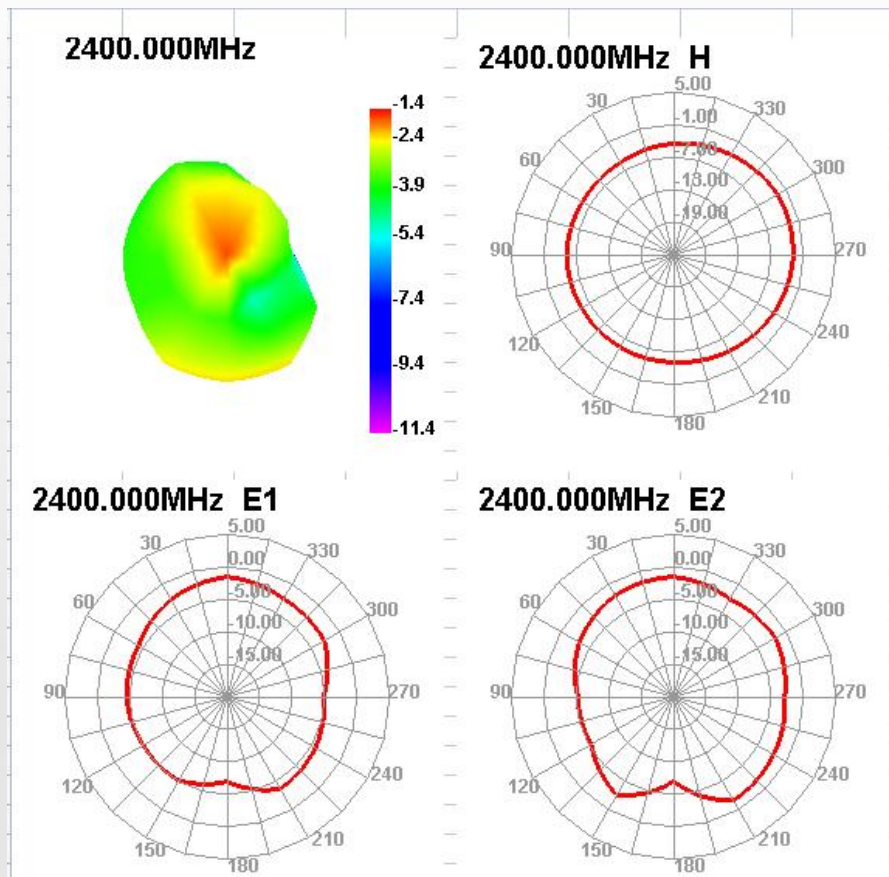
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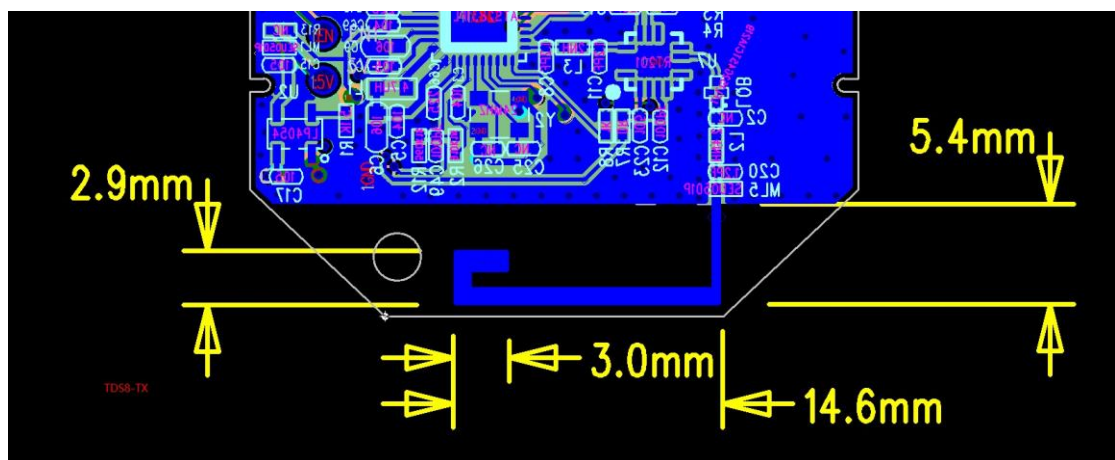
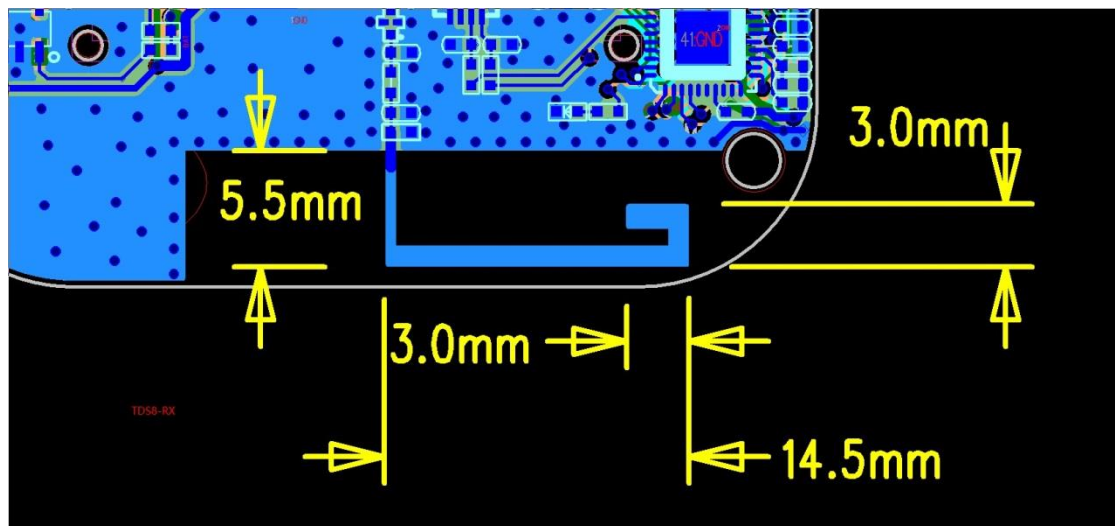
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TX-1机器-OTA-效率增益

Passive Test For WIFI2.4

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	43.65	-3.6	-1.4
2410	40.87	-3.89	-1.82
2420	36.39	-4.39	-2.26
2430	34.42	-4.63	-2.38
2440	34.16	-4.66	-2.45
2450	34.46	-4.63	-2.36
2460	32.08	-4.94	-2.61
2470	33.26	-4.78	-2.33
2480	30.57	-5.15	-2.62
2490	30.25	-5.19	-2.59
2500	31.22	-5.06	-2.5







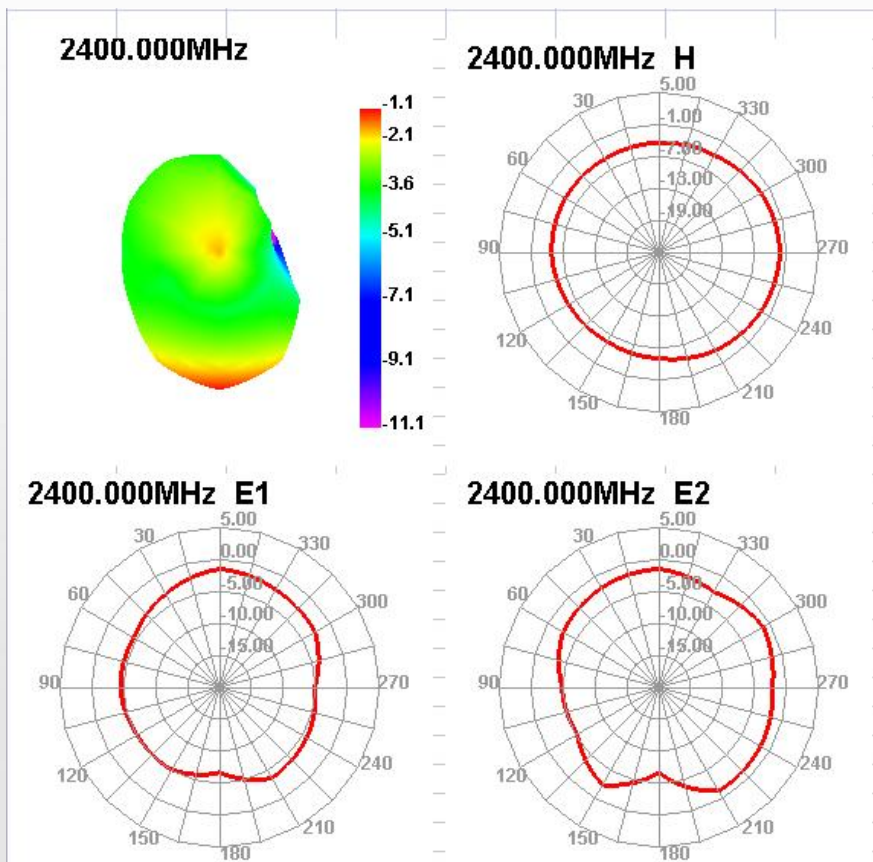
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TX-2机器-OTA-效率增益

Passive Test For WIFI2.4

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	45.45	-3.42	-1.12
2410	42.81	-3.68	-1.11
2420	37.72	-4.23	-1.57
2430	35.64	-4.48	-1.78
2440	35.28	-4.53	-1.95
2450	35.67	-4.48	-2.11
2460	33.09	-4.8	-2.54
2470	34.48	-4.62	-2.21
2480	31.45	-5.02	-2.53
2490	31.14	-5.07	-2.53
2500	32.02	-4.95	-2.46





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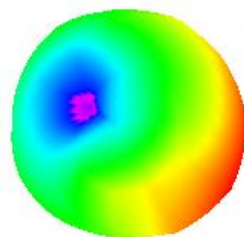
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RX机器-OTA-效率增益

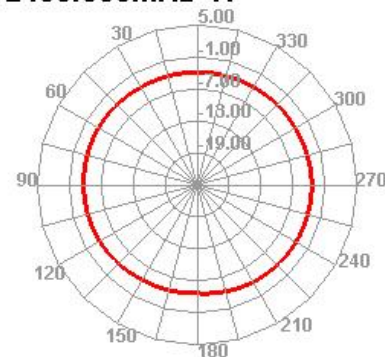
Passive Test For WIFI2.4

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	34.31	-4.65	-0.47
2410	35.74	-4.47	-0.28
2420	37.59	-4.25	-0.04
2430	38.65	-4.13	0.01
2440	43.14	-3.65	0.43
2450	47.97	-3.19	0.86
2460	48.97	-3.1	0.86
2470	50.31	-2.98	0.95
2480	54.37	-2.65	1.33
2490	58.32	-2.34	1.72
2500	57.18	-2.43	1.68

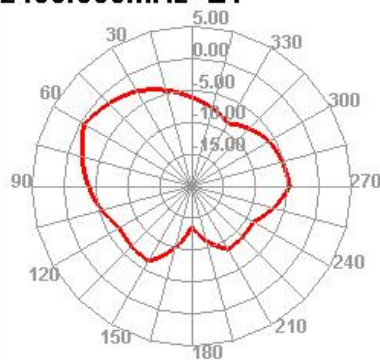
2400.000MHz



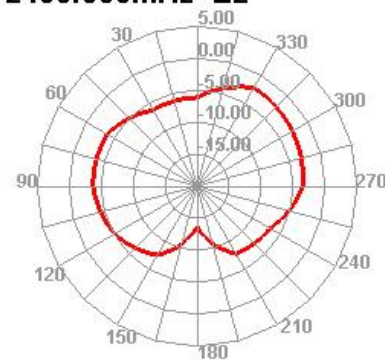
2400.000MHz H



2400.000MHz E1



2400.000MHz E2





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THANKS YOU!

